

USSR/Metals

Jan 1947

Low Temperature Research
Superconductivity

"Investigation of Metals at Temperature Below
10 K," N. Alekseyevsky, L. Migunov, Institute
for Physical Problems, Academy of Sciences of the
USSR, 1 p

"Journal of Physics" Vol XI, No 1

A description is given of the method of cooling
by adiabatic demagnetization. Bellistic methods
are used to measure temperature, due to the
phenomenon of superconductivity. Figures are given
for the lowest temperatures reached for seven
metals

26T38

USSR/Metals (Contd)

Jan 1947

metals and their critical temperatures of
superconductivity. For example, uranium is
found to be superconducting below 1.30 K. It
is noted that metals must be chemically pure
for accurate results.

BS

26T38

245200

AUTHORS:

Kopa-Ovdiyenko, L. M. Migunov L. V.

8/170/60/003/01/12/023
B022/B007

TITLE:

The Generalization of the Method of Quasisteady Conditions in the
Experimental Determination of Thermal Diffusivity Coefficients

PERIODICAL:

Inzhenerno-fizicheskiy zhurnal, 1960. Vol 3 No. 1 pp 76 - 81

TEXT: In the present paper the endeavor is made to simplify the method of determining the thermal diffusivity coefficient by generalizing the solution of the given non-steady heat conductivity for the case of a variable specific heat current. Proceeding from the measurement of the time interval from the beginning of heating until an arbitrary certain temperature at a certain point of the body, the thermal diffusivity coefficient is determined. Fig. 1 gives the curves of the heating of a body of simple shape by means of a constant heat current at $r = r_1$ (curve 1) and $r = r_2$ (curve 2). The found dependence $q_p(t)$ and two extreme cases are mentioned (Fig. 2). Experiments were made with samples of steel of the type IX18N9T. For measuring the thermoelectromotive force of the thermocouples the galvanometer GZP-47 with the potentiometer PV 6 was used. The dependence of the thermal diffusivity coefficient a of the steel of the

Card 1/2

The Generalization of the Method of Quasisteady
Conditions in the Experimental Determination of
Thermal Diffusivity Coefficients

69969

S/170/60/003/01/12/023
B022/B007

type 1X18N9T on temperature in three experiments with one and the same sample
is represented in Fig. 3. Accuracy in the determination of α was $\pm 7 - 8\%$,
the error caused by fluctuation of the heat current not being greater than 5% .
There are 3 figures and 6 references, 5 of which are Soviet.

4

Card 2/2

L 45833-66 EWT(d)/EWP(1) IJP(c) BB/GG/JXT(BF)
ACC NR: AP6030574

SOURCE CODE: UR/0413/66/000/016/0055/0055

INVENTOR: Samoylenko, V. I.; Migunov, N. I.; Piskulov, Ye. A.; Puzyrev, V. A.

ORG: none

TITLE: Method of recording and reading information from a fine anisotropic ferromagnetic film. Class 21, No. 184936 [announced by Moscow Order of Lenin Aviation Institute imeni S. Ordzhonikidze (Moskovskiy ordena Lenina aviatsionny institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 55

TOPIC TAGS: information storage, data recording, data readout, magnetic field

ABSTRACT: A method of recording and reading out of information from fine anisotropic ferromagnetic films is proposed. Recording is accomplished by a field acting along the mean easy axis of magnetization and reading by a field acting along the mean hard axis of magnetization. To store analog information, the value of the field which acts along the mean hard axis must exceed the value

Card 1/2

UDC: 681.142.07

L 45833-66

ACC NR: AP6030574

of the anisotropy field. The recording field value which corresponds to the stored analog information lies within the region of boundary creep and shift, while the value of the reading field lies within the region of nondestructive readout.
[Translation] [DW]

SUB CODE: 09/ SUBM DATE: 24Jun65/

Card 2/2 *JA*

CA MIGUNOV, P.M.

Universal aspirator for selection of air samples P. M.
Migunov, Zvezdskaya Lab. 10. 114 17/1950. The de-
vice is a quadruple sampler with centrifugal blower for air
intake, equipped with rheometers on each sampling outlet
and suitable for use on 220 v a.c. lines. P. M. K.

1 20031-65 EEO-4/ENG(v)/EWA(1)/ENG(a)-2/L-1(1)/EEC(t)/VS(v)-7/FCC/VST(h)/
EWA(a)/VSB-2 Ps-5/P1-4/Po-4/Pq-4/Pae-2/Pe-5SD(c)/BAEM(a)/ESD(c)/ESD(t)
ACCESSION NR: AP5006831 TT/GW/WS 8/0203/64/004/006/1124/1125

AUTHOR: Misyura, V.A., Solodovnikov, G.K., Migunov, V.M.

TITLE: The gradients of the integral electron content in the ionosphere

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 6, 1964, 1124-1125

TOPIC TAGS: ionosphere, coherent frequency, geometrical optics, ionization gradient, satellite velocity, Kosmos-11 satellite, electron distribution

ABSTRACT: The integral electron content in the ionosphere between the emitter and the receiving point is connected with the phase difference of the coherent frequencies. The behavior of the known gradient of the integral electron concentration along the orbit of an artificial earth satellite makes it possible to determine the changes in the entire ionosphere below the satellite from day to day as well as at different times of the day. The data produced by 46 different observations of the Kosmos-11 artificial earth satellite have been processed by the authors. That satellite was equipped with a Mayak transmitter which emitted coherent frequencies of 20.005 and 20.0225 megacycles. There were considerable differences in the structure of the ionosphere, below the satellite, during its "daytime" and "night" flights. The authors express their gratitude to Ya. L. Al'pert for his

Core 1/3

L 20051-65
ACCESSION NR: AP6000631

assistance in the experiment and his constant interest in the project." Orig. art. has:
2 formulas and 2 figures.

ASSOCIATION: none

SUBMITTED: 17Jun64

ENCL: 00

SUB CODE: EE, SV

NO REF SOV: 003

OTHER: 000

Card 2/2

L 38266-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/T-2/EWP(k)/EWP(h)/EWP(l) Pf-4
 ACCESSION NR: AP5007500 FM S/0286/65/000/004/0118/0108

AUTHOR: Migunov, V. M.

TITLE: Belt grinding machine. Class 67, No. 168604

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 108

TOPIC TAGS: grinding machine

ABSTRACT: This Author Certificate presents a belt-grinding machine for machining, e.g., the shape of compressor and turbine blades. The spindle of the product is placed in a rocker and rotates relative to a wide abrasive belt which passes around a master form fed onto a notch. To increase the efficiency and accuracy of machining a blade stylus, the spindle of the product is coupled with the connecting rod of a hinged four-way joint provided with a pin driving one end of the rocker. The other end of the rocker is hinged to the frame for communicating to the spindle nonuniform rotation about its axis (see Fig. 1 on the Enclosure). This insures the machining of the stylus shape on the larger portion of the master form and the machining of the shoulder on the correspondingly smaller part of the master form. Orig. art. has: 1 diagram.

ASSOCIATION: none

Card 1/1

L 1546-66 EWT(1)/FCC/EWA(h) GS/TW
 ACCESSION NR: AT5023575

UR/0000/65/000/000/0138/0147

AUTHOR: Misyura, V. A.; Solodovnikov, G. K.; Krokmal'nikov, Ye. B.; Migunov, V. M.
 TITLE: Ionospheric observations by artificial earth satellites and rockets

SOURCE: Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostranstva. Moscow, 1965. Issledovaniya kosmicheskogo prostranstva (Space research); trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 138-147

TOPIC TAGS: artificial earth satellite, geophysical rocket, Kosmos 11, Elektron 1, Doppler effect, Faraday effect, ionosphere, ionosphere profile, electron concentration

ABSTRACT: Results are presented of radiophysical observations of the outer ionosphere by means of the Kosmos-11 and Elektron-1 artificial earth satellites and geophysical rockets. Two methods were used for this purpose: the Doppler frequency shift at coherent frequencies and the rotational Doppler effect (Faraday effect) at fixed frequencies, simultaneously at one or several points. The Kosmos-11 and Elektron-1 observations yielded the value of the local electron concentration along the satellite orbit with satisfactory accuracy. From these, a profile of the ionosphere up to 2000 km was plotted. The histograms of ionospheric inhomogeneity layers were

Card 1/2

L 1546-66

ACCESSION NR: AT5023575

plotted for various phases of the solar activity and at different times of the day. From these, two stable maxima in the 15—30 and 150—190 km regions were observed. The vertical profiles of the ionospheric electron concentration obtained by means of geophysical rockets at 48 and 144 Mcs during 18 October 1962 are shown for the middle latitudes of the USSR. Also shown are the normed profiles obtained during different cycles of the solar activity. Orig. art. has: 9 figures and 12 formulas. [YK]

ASSOCIATION: none

SUBMITTED: 028Sep65

NO REF SOV: 011

ENCL: 00

OTHER: 002

SUB CODE: ES, SV

ATD PRESS: 4094

Card

2/2

Z 1516-66

ACCESSION NR: AT5023575

plotted for various phases of the solar activity and at different times of the day. From these, two stable maxima in the 15—30 and 150—190 km regions were observed. The vertical profiles of the ionospheric electron concentration obtained by means of geophysical rockets at 48 and 144 Mcs during 18 October 1962 are shown for the middle latitudes of the USSR. Also shown are the normed profiles obtained during different cycles of the solar activity. Orig. art. has: 9 figures and 12 formulas. [YK]

ASSOCIATION: none

SUBMITTED: 02Sep65

NO REF SOV: 011

ENCL: 00

OTHER: 002

SUB CODE: ES, SV

ATD PRESS: 4094

Card

2/2

L 2472-66 FSS-2/LWT(1)/FS(v)-3/FCC/EWA(d)EWA(h)

ACCESSION NR: AP5021252

TI/GW

UR/0293/65/003/004/0595/0603

350.388.1:629.195.2

51
6

AUTHOR: Misyura, V. A.; Solodovnikov, G. K.; Migunov, V. M.

TITLE: Measurement of electron concentration in the upper ionosphere by Kosmos satellites

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 4, 1965, 595-603

TOPIC TAGS: upper atmosphere, electron density, satellite/Kosmos satellite

ABSTRACT: The electron concentration in the upper ionosphere was measured in October 1962 by determining the phase difference of two coherent signals transmitted from Kosmos II on 20.005 and 90.0225 Mc and received by stations at two different locations in the USSR. Data from 46 observation periods were collected and graphs were plotted of the local electron concentration as a function of time along the satellite path. It was found that local electron concentration N_p increased by a factor of 3-4 at the same altitude during passage of the satellite from night to day. For several consecutive days, N_p values repeated themselves within a 20% deviation. Pinching of the upper ionosphere was noted during the transition from maximum to minimum solar activity. Analysis of spectra of ionospheric inhomogeneities showed

Card 1/2

L 2472-66

ACCESSION NR: AP5021252

the existence of a second maximum at 150—180 km. Orig. art. has: 2 figures and
7 formulas. [WC]

ASSOCIATION: none

SUBMITTED: 21Jul64

NO REF SOV: 014

ENCL: 00

OTHER: 002

SUB CODE: ES, SV

ATD PRESS: 4105

BVK
Card 2/2

L 01255-67 EWT(1)/FSS-2/FCC GW/TT

ACC NR: AP6032688

SOURCE CODE: UR/0203/66/006/005/0852/0857

AUTHOR: Misyura, V. A.; Solodovnikov, G. K.; Migunov, V. M.

ORG: none

TITLE: Electron concentration in the upper ionosphere, measured by observing coherent signals from the Kosmos and Elektron satellites

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 5, 1966, 852-857

TOPIC TAGS: ionospheric electron density, satellite data analysis

ABSTRACT: Radio signals from the Kosmos-11, Elektron-1, and Elektron-3 satellites have been used to calculate the electron density of the upper ionosphere. The calculation method is that used in earlier Kosmos studies, which is based on measuring the relative Doppler shift between two r f signals simultaneously received from the satellite. The following frequencies were used: Kosmos-11, 20.0048 and 90.0216 mc; Elektron-1, 20.005 and 30.0075 mc; and Elektron-3, 20.005, 30.007, and 90.022 mc. Receiving stations were widely enough separated to permit simultaneous recording of signals at high elevation and near-horizon line-of-sight angles, and thereby measure the effect of different transmission paths through the ionosphere. The electron density profiles with altitude were determined independently at each receiving station, and agreed tolerably well. A comparison of daily and seasonal concentration profile variation is given in the figure; all three curves corresponded

Card 1/2

UDC: 550.388.2:629.195.2

L 01255-67

ACC NR: AP6032683

0

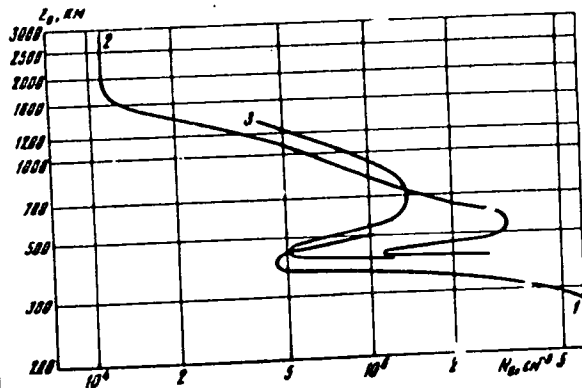


Fig. 1. Electron density vs. altitude

1 - Kosmos-11, Oct. 1962, 6:30—10:00 am;
2 - Elektron-1, Feb.—Mar. 1964, 12:30 pm —
8:00 pm; 3 - Elektron-3 Aug.—Sept. 1964,
4:00 pm - 1:30 am (Moscow Standard Time).

to periods of low or minimum solar activity. The authors speculate on the nature of the pronounced dip in the profile, noted in the 400—500 km altitude region. They suggest that their data may indicate the existence of a previously unidentified additional ionospheric layer above the F2 layer which varies either sporadically or regularly. Orig. art. has: 2 formulas and 6 figures. [SH]

SUB CODE: ~~02~~ SUBM DATE: 02Aug65/ ORIG REF: 013/ OTH REF: 002/ ATD PRESS: 5097

Card 2/2 ^{04,22}hs

L 34097-65 ENG(j)/EWI(i)/EWP(e)/EWI(a)/EPF(c)/EPF(n)-2/ENG(m)/ENK(a)/EPR/t/EWP(t)/
EWP(k)/EWP(b) PR-4/PR-4/PS-4/PU-4/ LJP(c) JD/WM/JG/DJ/AT/WH
ACCESSION NR: AP5007367 8/0286/65/000/004/0030/0030

AUTHOR: Migunov, V. P.; Shadskaya, N. G.; Malyutin, M. V.; Saprionov, T. G. 57 B

TITLE: Sintered high-friction material. / Glass 18, No. 168314/

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 30

TOPIC TAGS: friction, high friction alloy, sintered friction alloy, wear-resistant friction alloy 14

ABSTRACT: An Author Certificate has been issued for a sintered, wear-resistant, high-friction, iron-base material containing 10-20% copper, 4-8% graphite, 2-4% asbestos, 0-5% cobalt, 2-10% boron carbide, 2-10% silicon carbide, and 5-10% iron sulfate. [MS]

ASSOCIATION: Organizatsiya gosudarstvennogo komiteta po aviatsionnoy tekhnike (Organization of the State Committee on Aviation Technology)

SUBMITTED: 28Aug63

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3209

Card 1/1

KOMISSAROV, N., inzh.; MIGUNOV, Ye., inzh.

Effectiveness of improving the maneuverability of pusher tug
trains by the forced bend. Rech. transp. 23 no.12:10-13 1964.
(MIRA 18.6)

PARFENOV, A., inzh. (Kostov-na-Donu); MIGUNOVA, A., inzh. (Kostov-na-Donu)

Effectiveness of irrigation in Kostov Province. Gidr. i mel.
17 no.9:1-9 S '65. (MIRA 18:10)

I 23589-66 EWP(e)/EWT(m)/EWP(w)/EWP(t)/EWP(k) IJP(c) JD/DJ	
ACC NR: AP6012769	SOURCE CODE: UR/0226/66/000/004/0030/0033
AUTHOR: <u>Keglin, B. G. (Bryansk, Moscow); Migunov, V. P. (Bryansk, Moscow);</u> <u>Shadskaya, N. G. (Bryansk, Moscow)</u> 44 B	
ORG: none	
TITLE: Development and investigation of <u>sintered friction alloys</u> for shock absorbers	
SOURCE: Poroshkovaya metallurgiya, no. ¹⁸ 4, 1966, 30-33	
TOPIC TAGS: metal friction, friction coefficient, powder metal property, sintered metal alloy, shock absorber	
ABSTRACT: The authors investigated the properties of the <u>FMK-11 friction pair steel-powdered metal</u> . The faults of this pair are revealed: They consist of a decrease in the friction coefficient after a long break in operation. The causes of the instability of the friction properties of the pair are ascertained. The technology of manufacturing sintered elements for automatic coupling is described and conclusions are drawn as to the advantages of this friction material for use in shock absorbers. 18	
Orig. art. has: 1 figure and 1 table. [Based on author's abstract] [AM]	
SUB CODE: 11,13/	SUBM DATE: 22Jun65/ ORIG REF: 005/ OTH REF: 002/
Card 1/1 <i>OK</i>	

MIGUNOVA, D.K.

Morphological changes in different sections of the spinal arc.
Fiziol.zhur. (Ukr.) 1 no.1:109-114 Ja-F '55. (MLRA 9:9)

1. Kii.v'kiy medichniy institut imeni akademika O.O.Bogomol'tsya.
Kafedra normal'noi fiziologii.
(SPINAL CORD) (FATIGUE)

MIQUNOVA, D.K.

Changes in the chromatophyl substances of neural cells of the
cerebrospinal reflex arch during regeneration. *Fiziol.zhur* [Ukr.]
2 no.6:56-63 N-D '56. (MLRA 10:2)

1. Kiivs'kiy medichniy institut, kafedra fiziologii, i Institut
fiziologii imeni O.O.Bogomol'tsya Akademii nauk URSR, Laboratoriya
vishchoi nervnovo diyal'nosti i trofichnikh funktsiy.
(REGENERATION (BIOLOGY)) (NERVES)

MIGUNOVA, D. K., Cand Med Sci -- (diss) "Changes of the chromatophil substance of nerve cells of the cerebrospinal reflex arc in fatigue and restoration." Kiev, 1957. 114 pp (Kiev Order of Labor Red Banner Med Inst im A. A. Bogomolets, Inst of Physiology, Acad Sci Ukr SSR), 200 copies (KL, 52-57, 112)

- 122 -

MIGUNOVA, D.K., starshiy nauchnyy sotrudnik (Kiyev)

Development of gerontology in Hungary. Vrach.delo no.2:152-
154 # '63. (MIRA 16:5)

1. Institut gerontologii i eksperimental'noy patologii AMN SSSR.
(HUNGARY—GERIATRICS)

MIGUNOVA, D.K.

Effectiveness of small doses of reserpine and aminazine in old
age. Vop. geron. i geriat. 4:146-153 '65.

(MIRA 18:5)

1. Institut gerontologii AMN SSSR, Kiyev.

1016168

USSR/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101168

Author : Kopyl, A.N., Pozdnyakov, A.L., Migunova, G.P.

Inst : Kharkov Zootechnical Institute

Title : Fattening of Swine with Variously Prepared
Corn Grain Fodder.

Orig Pub: Sb. tr, Khar'kovsk. zootekhn. in-t, 1957, 71-76

Abstract: According to the principles of analogy methods,
98 immature 8-month-old sows of the large white
breed were divided into 4 groups. During 45
tests days, the animals were fed variously pre-
pared corn. After the first 30 test days, the
corn preparation method for the sows of diffe-
rent groups was modified (2nd period). During
the 1st test period, the nutritional value of
corn amounted to 68 percent, and during the 2nd

Card 1/2

(A) L 11593-66 EWT(m)/EWP(j)/T/EWA(c)/ETC(m) RPL **/RM

ACC NR: AP6000355 SOURCE CODE: UR/0286/65/000/021/0048/0048

AUTHORS: ^{44,55} Ivanov, V. S.; ^{44,55} Svirnova, V. K.; ^{44,55} Boryas, V. N.; ^{44,55} Migunova, I. I.; ^{44,55} Abramova, A. M.; ^{44,55} Sidorova, T. I.; ^{44,55} Kharitonov, N. P.; ^{44,55} Breger, A. Kh.; ^{44,55} Gol'din, V.A.

ORG: none

TITLE: Method for obtaining graft copolymers. ^{44,55} Class 39, No. 176069 ¹⁵ 69
B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 48

TOPIC TAGS: polymer, copolymerization, graft copolymer, radiation polymerization, imide, maleic acid

ABSTRACT: This Author Certificate presents a method for obtaining graft copolymers on the basis of poly-organosiloxanes by the interaction of ionizing radiation with a polyorganosiloxane powder in the presence of modifying additives. To improve the physicochemical properties of the graft copolymers and their thermal stability and solvent stability, imides, e.g., N-substituted imides of maleic acid, are used as modifying additives. The radiation dosage is 0.3--8 Mrad and the intensity of radiation is 0.05--0.7 Mrad per hour.

SUB CODE: 11/ SUBM DATE: 20Jul64

Cord 1/1 HW UDC: 678.84:537.531.547.462 3

MIGON, A.F.; YURKOVA, L.A.

Use of the equipment of industrial geophysics. Razved. i prom.
geofiz. no.49:134-140 '63 (MIRA 17:7)

MIGUNOVA, Ye.S.

Some structural characteristics of Chernozem soils as related to the nature of vegetation and tillage. Nauch.dokl.vys. shkoly;biol.nauki no.3:183-187 '58. (MIRA 11:12)

1. Predstavlena kafedroy geografii pochv Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(Chernozem soils) (Soil structure)

MIGUNOVA, Ye.S.

Changes in the composition and properties of humus in Chernozem soils during afforestation. Nauch.dokl.vys.shkoly;biol.nauki no.4:184-189 '58. (MIRA 11:12)

1. Rekomendovana kafedroy geografii pochv Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(Forest influences) (Humus) (Chernozem soils)

MIGUNOVA, Ye.S.

Forest influences on Chernozem soils. Vest. Mosk. un. Ser. biol.,
pochv., geol., geog. 13 no.2:121-128 '58. (MIRA 11:9)

1. Moskovskiy gos. universitet, Kafedra geografii pochv.
(Chernozem soils) (Forest influences)

MIGUNOVA, Ye.S.

Strength of the natural structure in Chernozems and gray forest
soils. Nauch.dokl.vys.shkoly; biol.nauki no.2:186-192 '59.
(MIRA 12:6)

1. Rekomendovana kafedroy geografii pochv Moskovskogo gosudar-
stvennogo universiteta im. M.V.Lomonosova.
(Soil structure)

MIGUNOVA, Ye.S.

Some characteristics of humus in Chernozem soils as related to the composition of vegetation and the nature of the carbonate horizon. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:69-74 '59. (MIRA 13:4)

1. Kafedra geografii pochv, Moskovskogo gos. universiteta. (Humus) (Chernozem soils)

MIGUNOVA, Ye.S.

Nature of soil formation under broad-leaved forest stands in the
Chernozem zone. Nauch. dokl. vys. shkoly; biol. nauki no.1:177-183
'60. (MIRA 13:2)

1. Rekomendovana kafedroy geografii pochv Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(Forest soils)

BOCHKOV, V.I.; BRIGADIRENKO, V.G.; BRUN-TSEKHOVOY, A.R.; GOLOSOV, S.A.;
ISTOMIN, A.P.; KATSOBASHVILI, Ya.R.; LASKOVENKO, E.K.; MIGUR, V.V.

Auger flowmeter for loose materials. Massn. i nef. obor.
no.7:33-35 '65. (MIRA 18:12)

1. Kombinat No.16, g. Angarsk.

MIGURA, A.

Results of productive work. Rab. i sial. 31 no. 10:11-12 0'55.

(MIRA 8:12)

1. Zvennyavaya kalgasa imya Stalina Kobrynskaga rayena Brestskay
voblastsi

(White Russia--Corn(Maize))

BEDNARCWICZ, Grazyna; MIGURA, Jerzy

Eczematous from of trichophytosis of the palm with symmetrical distribution. Przegl.derm., Warsz. 47 no.4:289-291 J1-Ag '60.

1. Ze Szpitala im. Dr E.Sonnenberga w Lodzi Kierownik naukowy i ordynator: prof. dr M.Mienicki.

(ECZEMA diag)

(RINGWORM diag)

(HAND dis)

MIGURSKI, A.

P O L .

Migurski A. Gas Turbines and their Adaptability for Marine Purposes.
"Pracownia gazowa i możliwości zastosowania jej na morzu". Technika i Gospodarka Morska. No. 3, 1953, pp. 110-125, No. 4, 1953, pp. 158-163, 19 figs.

Difference between gas and internal combustion turbines. Thermodynamic principles of the work of internal combustion turbines. Thermal efficiency of various processes involved, and comparison of such efficiencies. Prospects of improving thermal efficiency, and research pursued in this direction. Free piston engine as a gas producer. Efficiency of internal combustion turbine. Reflections as to the practicality of using gas and internal combustion turbines for ship propulsion.

AUTHOR: Migushin, Ye.V.

119-58-6-5/13

TITLE: The Electron Amplifier of a Potentiometer for a "Pressure Scheme"
(Elektronnyy usilitel' potentsiometra na pechatnoy skheme)

PERIODICAL: Priborostroyeniye, 1958, Nr 6, pp. 19-21 (USSR)

ABSTRACT: The expression "pressure scheme" is used for a radio-electronic device which is mounted on a pressure plate (the base plate is made from insulating material) in form of a "pressure assembly" (a system of current-carrying "pressure wires"). The "pressure schemes" are, seen in the light of automatization, a great improvement. By using them it is possible, also when constructing radio-electronic apparatus, to accelerate work considerably. The possibilities of mounting the amplifiers U E-109, UE -209 and their varieties upon the "pressure plates" are then described. Hard rubber plates (thickness 1-1.5 mm) are used as "pressure plates"; thin copper foils of from 0.03 to 0.05 mm thickness are applied onto them. By a special method of etching the guide for the wiring line is etched into these pressure plates. The amplifier described, the basic wiring circuit of which is given, has a sensitivity of 1 - 2 μ V; the noise level is about 1.5 - 3 V.

Card 1/2

The Electron Amplifier of a Potentiometer for
a "Pressure Scheme"

119-58-6-5/13

A comparison between the hitherto used method of mounting and "pressure mounting" shows that, with respect to the aforementioned amplifier, the working capacity can be reduced by 50%, prime costs by 10% and manual labor by 50%. There are 4 figures.

1. Voltage amplifiers—Performance 2. Voltage amplifiers—
Circuits 3. Potentiometers—Equipment 4. Radio
equipment—Production 5. Electronic equipment—Production

Card 2/2

UDAGIN, P.A.; MITREVA, E.F.

Insertion of the above text in the report of the Commission on the
1456 01.

1. Vsechny izmeneniya, внесенные в текст, являются редакционными.

MIGUTA, A.K.

Geological structure and coal potential of the Rakovka depression.
Sob. DVFAN SSSR no.13 21-26 160. (MIRA 14:3)
(Rakovka depression--Coal geology)

KOROLEV, D. F.; MIGUTA, A. K.

Distribution of uranium in sandstones. Geol.razn.razn.
no.6 72-78 N-D 'ol. (MIRA 14:12)

(Uranium)

(Sandstone)

MIGUTA, A.K.

Ancient weathering surface of Grodekova granites in the
southern part of the Maritime Territory. Kora vyvetr. no.5:
333-339 '63. (MIRA 16:7)

1. Glavgeologorazvedka.
(Maritime Territory—Weathering)
(Maritime Territory—Granite)

^U
MIGYTSKIY, A. S.

"Methods of Increasing the Fertility of the Alkali Soils of Western Siberia." Cand Agr Sci, Omsk Agricultural Inst, Omsk, 1953. (RZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

USSR/Cultivated Plants - Grains.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 823-83

Author : Gradshteyn, M.P., Migalskiy, A.S.

Institution : Omsk Agriculture Institute

Title : Corn on Saline Soils.

Orig Pub : Tr. Omskogo s.-kh. inst., 1958, No 1, 111-116

Abstract : In the saline regions of Siberia, corn should be planted on soils with a salinized horizon of not less than 18 centimeters. For the depth of 15-18 centimeters, application of not less than 30 tons per hectare of humus or manure over the entire mass and into the pockets is necessary.

Card 1/1

USSR / Soil Science. Cultivation. Melioration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95776.

Author : Migutskiy, A. S.

Inst : Tomsk University.

Title : An Experiment in the Assimilation of Solonetz
Soils of the Forest Steppe Zone of Western Siberia.

Orig Pub: Tr. Tomsk. un-ta, 1957, 140, 120-127.

Abstract: Heavy and average solonetz of Western Siberia can be assimilated into the field crop rotation system and highly basaltic and suberose types into fodder crop rotation. Deep plowing without a blade grader is a promising method of solonetz cultivation which deserves study in a broad productive test. Best results of solonetz assimilation under grain crops is obtained by the combined application of organic and mineral fertilizers

Card 1/2

MIGUTSKY, A.S.

Reclamation of steppe Solotcha in Irkutsk Province. Trudy
Biol. Inst. Sib. otd. AN SSSR 10.9:1955-265 1962
(1962) (1:8)

MIGUTSKIY, P.S. (Penza)

Treatment of bronchial asthma by a smoking mixture containing
anesthesin and ephedrine. Sov.med. 22 no.3:103-106 Mr '58.
(MIRA 11:4)

(ASTHMA, ther.
anesthesin-ephedrine smoking mixture (Rus))
(AMINO BENZOATES, ther. use
anesthesin-ephedrine smoking mixture in asthma (Rus))
(EPHEDRINE, ther. use
ephedrine-anesthesin smoking mixture in asthma (Rus))

MIGUTSKIY, L. R.

Maths ✓ Experiment in production of fluxed agglomerate from fine concentrates. L. R. Migutskii (Met. Works, Cherepovets). *Metallurg* 1956, No. 10: 5-7. — Fine Olenegorsk concentrate (96-100% <3 mm.) (89.3 parts) contg. Fe 68.4, SiO₂ 15.6, and CaO 1.33% was agglomerated with 29.9 parts limestone contg. CaO 52.81, SiO₂ 3.24, and loss on ignition 42.27% and 0.8 parts blast furnace dust contg. Fe 22.04, SiO₂ 21.71, and CaO 14.01%. Coke fines contg. moisture 10.8 and ash 13.92% were added. The resulting agglomerate contg. Fe 46.76, FeO 16.73, SiO₂ 14.15, CaO 15.71, and C 8% had a sieve analysis of 12.3% >25 mm., 63.4% 25-12 mm., 22.1% 12-5 mm., and 12.2% <5 mm. V. N. Bednaraki

10M
2 May

PM

BABAKOV, A.A.; BILUCHENKO, V.I.; GULITSKIY, I.I.; KOLA, I.N.; KOLA, I.N.;
KOLASHINA, L.I.; SHAMIL', Yu.I.; SMOLYANIN, I.P.;
MOSKOVICH, Ye.I.; PAVLOV, A.N.; PAVLOV, A.N.;
ALEKSEYENKO, A.P.; KOLCHAK, I.I.; KOLCHAK, I.I.;
MATCOV, A.A.; KLETSKIY, L.I.

Inventions. Pat. 1. gornorod. prod. no. 113. 11-11-11.

130-7-3/24

AUTHORS: Migutskiy, L.R. and Grigor'yev, N.N.

TITLE: Use of Hammer Mills for Crushing Limestone. (Primeneniye molotkovykh drobilok dlya izmel'cheniya izvestnyaka)

PERIODICAL: Metallurg, 1957, Nr 7, pp.5 - 6 (USSR)

ABSTRACT: Dissatisfied with the performance of the Gipromez-designed rod mills installed at the Cherepovets works for grinding limestone for use in self-fluxing sinter production, the authors proposed that hammer mills should be used instead. For this the type CM-19A hammer mill previously used for preliminary crushing of limestone was reconstructed by the works into type CM-19A-P, giving a finer product. The article gives a general outline of the modifications and tabulations of operating and cost data for the reconstructed mill, a larger hammer mill and the rod mill. The respective productivities are 25.40 and 12 tons/hr, the energy consumptions 4.6, 9.2 and 12.9 kWh/ton, costs 37.2, 156.3 and 165.3 thousand roubles, weights 6.5, 15.5 and 55.0 tons. From the same size-graded feed the reconstructed hammer mill gave 4.48 and 95.52% of 5-3 and -3 mm fractions, respectively, the

Card 1/2

130-7-3/24

Use of Hammer Mills for Crushing Limestone.

corresponding values for the rod mill being 6.43 and 93.57%.
There are 2 tables and 1 figure.

ASSOCIATION: Cherepovets Metallurgical Works (Cherepovetskiy
Metallurgicheskiy Zavod)

AVAILABLE: Library of Congress.

Card 2/2

MIGUTSKY, I. R.

6
AE2C

Assimilation of technology and new practice in the sinter-
ing plant of the Cherepovets works. N. M. Yakubovskiy
and I. R. Migutskiy (Polytech. Inst., Leningrad and Met. Ind.
Plant, Cherepovets). *Sov. 17*, 203-210 (1987). The plant
operates on 60% Fe concentrate carrying SiO_2 14 and CaO
1.0%; the sinter fineness is 0.43-1.31. Individual fea-
tures of the sintering practice are examined. Increasing quan-
tity of the sinter does not lower its tumbling strength though
its storage characteristics are reduced, particularly when
limestone particles larger than 3 mm are present. With
15-20% of limestone particles, sinter disintegrated in one
day; with 4.5%, it was sound after 7 days. Adding lime-
stone increased both the total production of the sintering
plant and of the sintered concentrates; limestones increased
the total sintering rate which is low with low concentrates
used alone.

MT

MIGUTSKIY, L.R.

Sintering plant at the No.2 "New Krivoy Rog" Mining and Ore
Dressing Combine. Met. 1 gornorud. prom. no.3 13-15 My-Je '64.
(MIRA 17:10)

DENISENKO, A.I.; KARMAZIN, V.I.; SULTANOVICH, Ye.A., MIGETSKIY, L.R.;
KUVATOV, Yu.A.; BURAYEV, B.K.

Industrial testing of ore pebble crushing of Krivoy Rog Basin
quartzites. Gorn. zhurn., No. 57, 1965, Apr. '65. (MIRA 18:5)

1. Dnepropetrovskiy gosyuz. institut (for Denisenko, Karmazin,
Sultanovich). 2. Novo-Kriv. ruzn. gorn. kombinat (for Migetkiy,
Kuvatov, Burayev).

SAMOKHVALOV, P.V.; MIGUTSKIY, L.R.

Producing and pelletizing an iron ore concentrate with a high
iron content. Met. i gornorud. prom. no.4:62-63 JI-Ag '64.
(MIRA 18:7)

МОНУСКИЙ

Телеграмма от 10.01.1961 г. в 10.00 ч. от 10.00 ч. в 10.00 ч.

Under the supervision of the public, 10.00 ч. в 10.00 ч.

MIH, Borivoje, Dr., Dordevic, Beograd

Interpretation of certain forms and manifestations of tuberculosis.
Tuberkuloza, Beogr. 7 no.2-3:161-178 Mar-June 55.

(TUBERCULOSIS, PULMONARY,
classif.)

MIH. Borivoja. Prim., dr., Dordevic, Beograd

Tuberculosis in students following BCG vaccination. Tuberkuloza.
Bejr. 7 no.4:239-244 July-Aug 55.

(BCG VACCINATION, compl.
tuberc., pulm., incidence & prev. (Ser))
(TUBERCULOSIS, PULMONARY, etiol. & pathogen.
BCG vacc., incidence & prev. (Ser))

Distr: 4E2c

A new method for the separation of bismuth from cad-
mium and copper and their determination. *Ex. Miha-*
Acad. rep. populara Romania, Baza cercetari stiintifice
Studiul cercetarii stiintifice, Ser. stiinta chim. 4, No. 3-4, 1957-58
(1957).—Bi is sep'd. and det'd. as Bi gallate. The det'n. of
Cu or Cd from the filtrate is done as the diluturate.
I. Hertzberg

J.T.
41

27
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1
H/c

STOENESCU, St. M.; JIANU, V.; CAZACU, Al.; VLADOIU, M.; MIHA, J.

Some characteristics of the climate of the Danube Delta.
Meteorologia hidrol gosp 6 no.3:183-192 '61.

1. Institutul meteorologic (for Cazacu, Vladoiu, and Miha).

L 9839-66

ACC NR: AP6003955

SOURCE CODE: HU/0033/65/069/001/0013/0026

AUTHOR: Berbechel, O.--Berbecel, Oktavian (Director); Rogozhan, Iu.--Rogojan, Julia (Graduate meteorologist); Eftimesku, Maria (Graduate meteorologist); Mikha, I.--Miha, Josefina (Graduate meteorologist)

ORG: [Berbechel] Agrometeorological Service of the Rumanian People's Republic; [Rogozhan, Eftimesku, Mikha] Hydrometeorological Service of the Rumanian People's Republic

TITLE: Study and application of the bioclimatological characteristics of agricultural crops [Paper presented at the Agrometeorological Conference held in Kecskemet, Hungary from 15 to 19 September 1964]

SOURCE: Idojaras, v. 69, no. 1, 1965, 13-26

TOPIC TAGS: agriculture crop, agriculture science, climatology

ABSTRACT:

Detailed

investigations were carried out in Rumania on the following crops: Indian corn, sunflower, wheat, potatoes, and grapes. This paper represents an account of the results of a study conducted on various types of sunflower and Indian corn, seeded at different times, and deals with the effects of current weather conditions on the lengths of phenological phases, date of leaf appearance, stem length and thickness, and length of vegetation period. The findings were utilized to characterize the agrometeorological conditions involved. Orig. art. has: 10 figures and 9 tables. [JPRS]

SUB CODE: 02, 04 / SUEM DATE: none

Card 1/1

MACOVSKI, E., acad.; MIHAESCU, A.; POPESCU, A.

Methods of measuring iodine endosmosis in uterine cervix.
Studii cerc biochimie 5 no.1:113-115 '62.

1. Catedra de biochimie, Facultatea de stiinte naturale a
Universitatii "C. I. Parhon", Bucuresti. 2. Membru al
Comitetului de redactie si redactor responsabil, "Studii si
cercetari de biochimie" (for Macovski).

MIHAIESCU, C.

MEZINGHESCU, M.D.; MIHAIESCU, C.; DUMITRESCU-OPREAN, Z.

Determination of vitamin C in plant products. Rev. igiena microb. epidem., Bucur. No.2:47-59 Apr-June 54.

(PLANTS

vitamin C content of food plants, determ.)

(VITAMIN C, determination
in food plants)

(FOOD

plant products, vitamin C content, determ.)

MIHARSCU-C

The deficiency of riboflavin and thiamine in the diet of pellagrous persons is presented. But the pellagrous persons are afflicted with it because of a deficiency of riboflavin in their diet. But the riboflavin deficiency does not constitute a steady character of the pellagrous patient's nutrition as in the case of the nicotinamide deficiency (cf. *Bul. Stiint. Acad. R.P.R., Sériu: Stiint. Medicale*, 2, 1229(1950)). From the time of the appearance of the erythema, the nutrition improves considerably concerning the riboflavin and a no. of pellagrous patients respond in a satisfactory manner (about 25%) to the satm. test. On the other hand data concerning the thiamine in nutrition are concordant and demonstrative. They also show that the needs of the pellagrous patients to thiamine are generally satisfied. There are no reasons which would justify the classification of pellagra in a special category of deficiency ailment.

Deficiency

To Biblio. File

MIHAIESCU C
PANDELE, A.; RUSSU, O.; BELOIU, S.; MIHAIESCU, C.; MIHAIESCU, E.

Investigations on the histamine test & the determination of vitamin C in the study of the prophylaxis of fetal anoxia & of intracranial obstetrical trauma. Rumanian M. Rev. 1 no.4:85-86 Oct-Dec 57.

(ASPHYXIA NEONATORUM, compl.

brain damage, maternal histamine sk in test & vitamin C determ. in blood in prev.)

(BRAIN, dis.

damage in asphyxia neonatorum, maternal histamine skin tests & vitamin C determ. in blood in prev.)

(HISTAMINE

maternal skin tests in prev. of asphyxia neonatorum with brain damage)

(VITAMIN C, in blood

maternal blood determ. in prev. of asphyxia neonatorum with brain damage)

RUNCAN, V.; MIHAESCU, C.; MIHAESCU, E.

Changes in serum glycoproteins in rheumatic diseases (Dische test). Med. int., Bucur. 10 no.5:711-716 May 58.

1. Lucrare efectuata in Institutul de terapeutica al Academiei R.P.R. director, acad. N. Gh. Lupu.

(BLOOD PROTEINS, in various diseases
glycoproteins, in rheum. dis. Dische test)

(RHEUMATIC FEVER, blood in
glycoproteins)

(ARTHRITIS RHEUMATOID, blood in
glycoproteins)

LUPU, N.Gh., acad. MIHAIESCU, C.. PAPA ZIAN, R.. GROZA, P. MIHAIESCU, Edith-
MARCUS, N.

Modifications of the hydric compartments in hypertonic patients
put on a low sodium diet. Romanian M. Rev. 3 no. 1:56-59 JI.-6 '59.

1. Therapeutic Institute of the R.P.R. Academy.
(HYPERTENSION, nutrition & diet)
(DIET, SALT FREE)
(SODIUM)
(WATER, metabolism)

MIHAESCU, C.; OLINESCU, R.

Comparative study of several serological turbidity tests using sublimate, bases on the principle of the Takata test. Probl. ter. 10 no.1:63-71 '59.

(LIVER FUNCTION TESTS)

MIHAESCU, C.; MIHAESCU, Edith; GROZEA, P.

Serum glycoproteins in malignant blood diseases. Stud. cercet. med.
intern. 2 no.6:823-831 '61.

(LEUKEMIA, MYELOCYTIC blood)
(HODGKIN'S DISEASE blood)

(LEUKEMIA, LYMPHOCYTIC blood)
(GLYCOPROTEINS blood)

BOZGAN, Aurel, ing.; MIHAESCU, Constantin D., ing.

Achievements obtained in our country in the field of cement line
building. Metalurgia constr mas 13 no.8:723-729 Ag '61.

(Rumania--Kilns) (Cement)

MIHAESCU, Constantin, ing.

A device for automatic stopping of feeding conduits in the reservoirs of liquids. Metalurgia constr mas 14, no. 2:170-173 P'62.

MIHAESCU, E.; GHEORGHIU, M.; STOICHITA, M.

Contributions to the study of retraction of blood clots. Note 2.

Study of variations of indexes of retraction. p. 1777. Academia Republicii

Populare Romine. COMUNICARILE. Bucuresti. Vol. 5, No. 12. Dec. 1955.

So. East European Accessions List

Vol. 5, No. 9

September, 1956

11/11/11 11:11
PANDELE, A.; RUSSU, O.; BELOIU, S.; MIHAIESCU, C.; MIHAIESCU, E.

Investigations on the histamine test & the determination of vitamin C in the study of the prophylaxis of fetal anoxia & of intracranial obstetrical trauma. Rumanian M. Rev. 1 no.4:85-86 Oct-Dec 57.

(ASPHYXIA NEONATORUM, compl.

brain damage, maternal histamine sk in test & vitamin C determ. in blood in prev.)

(BRAIN, dis.

damage in asphyxia neonatorum, maternal histamine skin tests & vitamin C determ. in blood in prev.)

(HISTAMINE

maternal skin tests in prev. of asphyxia neonatorum with brain damage)

(VITAMIN C, in blood

maternal blood determ. in prev. of asphyxia neonatorum with brain damage)

LUPU, N. Gh., acad. MIHAIESCU, C., PAPAZIAN, R., GROZA, P. MIHAIESCU, Edith;
MARCUS, N.

Modifications of the hydric compartments in hypertonic patients
out on a low sodium diet. Rumanian M. Rev. 3 no. 4:56-59 J1. -6 '59.

1. Therapeutic Institute of the R.P.R. Academy.
(HYPERTENSION, nutrition & diet)
(DIET, SALT FREE)
(SODIUM)
(WATER, metabolism)

MIHAESCU, E.

Particular aspects of coagulation. Mihaela Stăchită, Maria Telean-Oheorghiu, and E. Mihaescu. *Comun. acad. rep. populare Romina* 6, 1159-64 (1968).—In 47 clinical observations of cases of thrombosis, hepatic cirrhosis and rheumatic diseases the blood showed hypercoagulation and a deficit of prothrombin. This paradox is explained by the hypothesis that the fibrinogen is transformed by bacterial endotoxins or through dysproteinemia into fibrin without the intervention of specific enzymic clotting factors. In this

way it is possible to establish a class of thrombooses in which treatment with anticoagulants is ineffective. A. Halasz.

MIHAESCU, C.; MIHAESCU, Edith; GROZEA, P.

Serum glycoproteins in malignant blood diseases. Stud. cercet. med.
intern. 2 no.6:823-831 '61.

(LEUKEMIA, MYELOCYTIC blood)
(HODGKIN'S DISEASE blood)

(LEUKEMIA, LYMPHOCYTIC blood)
(GLYCOPROTEINS blood)

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STANESCU, Gh.; MIHAESCU, Odette; TANASESCU, Victoria

Characteristics of the international fashion line and its application to the conditions of Rumania. Ind text Rum 15 no.7: 368-370 J1'64

1. Ready-made Clothes and Knitwear Manufacture, Bucharest.

NOTE 1.

Author: Dr. C., Sanitary Veterinary Directorate, at C. S. S. (Direc-
ția sanitar-veterinară din T. S. S. R.) (Transp. not explained; and I. T. N. O.,
M., Veterinary Physician, Veterinary Station (Circ. veterinara) Socioe,
region of Bucharest.

'Epizootic Aspects of Transmissible Infectious Gastroenteritis in Pigs'

Bucharest, Revista de Cercetare si Medicina Veterinara, Vol 16, No. 6,
June 1966; pp 61-64

Abstract: Review of what is known on the virus of transmissible gastro-
enteritis in pigs as illustrated by several small epizootic outbreaks
seen in the fall of 1965 in various cooperative farms in the Bucharest
region; diagnostic, preventive and therapeutic problems and suggested
remedies are reviewed and discussed.

1/1

BINSTOC, O.; SLAVESCU, Vl.; MIHAESCU, Rodica.

Research on the action of microwaves on some aspects of the
dynamics of serum proteins. Stud. cercet. fiziol. 10 no.1:
97-104 '65.

SELARIU, C.; MIHAESCU, S.

A comparative study of the soluble proteins in the mitochondria of the brain and liver in rats. Studii cerc biochimie 4 no.3:349-355 '61.

1. Institutul de biochimie al Academiei R.P.R., Bucuresti.

+

SELARIU, C.; MIHAESCU, S.

Distribution of transaminases along the electrophoretic fractions of the soluble proteins in the brain and liver mitochondrias of rats. Studii cerc biochimie 5 no.1:97-102 '62.

1. Institutul de biochimie al Academiei R. P. R., Bucuresti.

SCHELL, H.D.; TANASESCU, D.; LUTA-MOLDOVEANU, N.; ARNET, L.; MOTET-GRIGOPAS, D.; SELARIU, C.; COTARIU, D.; BATCU, A.; SANDULESCU, C.; FILIPESCU, H.; HARALAMBIE, G.; MIHAESCU, S.

General problems; research methods; reviews. Studii cerc biochimie
5 no.4:61-72, 1962.

LUTA-MOLDOVEANU, N.; ARNET, L.; VASU, S.; FILIPESCU, H.; SELARIU, C.;
FURNICA, M.; MIHAESCU, S.; MOTET-GRIGORAS, D.

General problems; research methods; reviews. Studii cerc
biochimie 6 no.1:126-130 '63.

✎

LUTA-M LDOVEANU, N.; SELARIU, C.; COTARIU, D.; FURNICA, M.; MIHAESCU, S.;
MOTET-GRIGORAS, D.

Medical biochemistry; reviews. Studii cerc biochimie 6 no.1:
142-146 '63.

X

SELCARU, Cecilia; GHEORGHE, Victor; MIHAI, M., et al.

Hydrolysis with pepsin of the N-2-iodoacetyl fluorescent globulin
and antibodies. Studii cerc biochimie 8 no.1:89-96 1965.

I. Institute of Biochemistry, Romanian Academy, Bucharest.
Submitted October 28, 1964.

STOIA OV, K., ing.; MIHAESCU, T., ing.; MILIUTH, A., ing.

Tubing of the intermediate column in a deep well. Petrol si
gaze 14 no. 1024'0-4'4 0'63.

RUMANIA

BENES, S., Lieutenant-Colonel, Medical Corps; MIHAESCU-NIGRIM, Maria;
DOBRESCU, V., and CIOBANESCU, Mariana

"Formation of Antibodies in Rats Receiving Injections of Vitamin K3 and
Exposed to X-Irradiation"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 474-481

Abstract: Preliminary study on rats administered unstated dose of vitamin K3 15 minutes before irradiation with 250 r showed that mortality was 55% in comparison with 19% in irradiated rats not having received the vitamin. However, in a later more comprehensive study results on the effect of K3 on mortality and immunogenicity in irradiated rats were relatively uncertain despite statistical treatment. 4 tables, graph.

1/1

- 87 -

RUMANIA

CORRENI, E., Lieutenant-Colonel, Pharmacist; MIHAESCU-NIGRIM, Maria,
BENES, S., Lieutenant-Colonel, Medical Corps; and BUZARNESCU, G., Assistant
Medical

"Effect of Administration of Immune Homologous Antitissular Serum in Irra-
diated Mice"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 481-487

Abstract: In mice, injection of homologous immune sera of spleen or liver
homologous tissue antibodies, all tended to exert a protective effect on
subsequent radiation as to onset*and total mortality. 3 tables, 2 graphs.

*of radiation sickness

RUMANIA

MIHAESCU-NIGRIN, Maria, BENES, S., Lieutenant-Colonel, Medical Corps;
ANDREUTA, Irina; DOBRESCU, V.; and CIOBANESCU, Mariana

"Experimental Infections in Rats Receiving Injections of Vitamin K3 and
Exposed to X-Irradiation"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 490-491

Abstract: In rats administered 100 mg/Kg of Vitamin K3, irradiated with
250 r, and inoculated with *Salmonella typhi*. Mortality seemed about the
same in all groups, i.e., vitamin K3 did not increase either susceptibil-
ity to mortality from radiation or to virulence of the *Salmonella*.

1/1

STOIANESCU, E.; BONTESCU, M.; MITAL, A.; MITAL, J.; MITAL, M.; MITAL, M. .D.

Carbonium ion reactions. Pt. 4. Study on the reaction of 1,2-dichloroethane with 1,2-dichloroethane.
F 105.

1. Institute of Organic Chemistry, P. Poni University, Bucharest.
Submitted: November 1, 1964.

L 63404-65

ACCESSION NR: AP5023253

RU/0012/64/000/005/0845/0850

AUTHOR: Mihai, A. (Pharmacist, Lieutenant)

TITLE: Contributions to the determination of the qualities of some vegetable and pharmaceutical products with chamazulene

SOURCE: Revista sanitara militara, no. 5, 1964, 845-850

TOPIC TAGS: chromatographic analysis, hydrocarbon, drug

ABSTRACT: The author adapted known chromatographic methods for the qualitative and quantitative determination of chamazulene in several vegetable products (Flores Millefolii, Flores Chamomillae and Herba Absinthi); the prochamazulene in Tinctura Amara; and the chamazulene contents in extracts of various Rumanian pharmaceutical products. Orig. Art. Incl.: 3 tables, 18 references.

ASSOCIATION: none

1/2

L-63404-65

ACCESSION NR: AP5023253

SUBMITTED: 00

ENCL: 00

SUB CODE: 18

NR REF SOV: 000

OTHER: 019

JPRS

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